

Notice of Allowability

Application No.

09/717,513

Examiner

Pramila Parthasarathy

Applicant(s)

JAKOBSSON, BJORN MARKUS

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to July 01, 2005.
2. ☒ The allowed claim(s) is/are 1-9, 11-21 and 26-32.
3. ☒ The drawings filed on 21 November 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

DETAILED ACTION

Election/Restrictions

1. Applicant's election of Group-I, Claims 1 – 21 and 25 – 32, in the reply filed on July 01, 2005 is acknowledged. Because applicant did not distinctly and specifically point out the supposed errors in the restriction requirement, the election has been treated as an election without traverse (MPEP § 818.03(a)).
2. Applicant's election submission filed on July 01, 2005 has been entered and made of record.

Allowable Subject Matter

4. Claims 1 – 9, 11 – 21 and 26 – 32 are allowed.
5. The following is an examiner's statement of reasons for allowance: The Admitted prior arts [Southerland U.S. Patent 6,292,898, hereinafter "Southerland", Varadharajan et al. U.S. Patent 5,887,063, hereinafter "Varadharajan" and Reidinger et al. U.S. Patent 4,915,222, hereinafter "Reidinger"], disclose protection for data situated within a secure environment by using active erasure to erase the stored data when an intrusion into the

secure environment is detected. Southerland discloses a method for providing additional protection for data within a secured environment which can be an enclosure within a mechanically sealed housing or a spatial region that is defined by a magnetic field or fields, Varadharajan discloses a communication system including a host device and a portable device capable of communicating with a secret key which is changed very frequently, where direct communication means comprises a cable wire link connectable between said host device and said portable device and Reidinger discloses a protective package unit for shipping printed circuit boards that provides an outer container into which one or more printed circuit boards can reside while encompassed in a bag providing protection from electromagnetic radiation and electrostatic discharge.

However, the admitted prior arts taken independently or in combination, do not disclose, teach or suggest "A method comprising placing a first device in an enclosure; placing a second device in the enclosure, wherein the enclosure is comprised of a first and a second compartment, the first and second compartments are separated by a separation device and placing the first device in the first compartment and the second device in the second compartment; sealing the enclosure while the first device and the second device are in the enclosure; causing the first device to exchange a key with the second device while the first device and the second device are in the enclosure and while the enclosure is sealed".

The present invention provides a container that prevents electromagnetic radiation originating inside from communicating device from reaching outside the container thus preventing an adversarial device from eavesdropping the communication of these two devices in the container thus exchanging keys without the adversarial device determining the key.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Walter J. Tencza Jr., registration number 52,667, on May 25, 2005.

IN THE CLAIMS:

1. (Amended) A method comprising:
 - placing a first device in an enclosure;
 - placing a second device in the enclosure; and
 - the enclosure is comprised of a first and second compartment, wherein the first and second compartment are separated by a separation device; and placing the first device in the first compartment and the second device in the second compartment;
 - sealing the enclosure while the first device and the second device are in the enclosure;
 - causing the first device to exchange a key with the second device while the first device and the second device are in the enclosure and while the enclosure is sealed;
 - removing the first device and the second device from the enclosure after the key exchange; and
 - using the key to allow the first device and the second device to communicate with each other using methods of encryption;
 - wherein the enclosure is coated with a filtering material, wherein the filtering material of the enclosure prevents electromagnetic radiation of a particular bandwidth from escaping from the enclosure.
2. (Amended) The method of claim 1 ~~further comprising the step of:~~ wherein using the key to allow the first device and the second device to communicate with each other using methods of authentication outside the enclosure.

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4. (Amended) The method of claim 1 further wherein
the enclosure is a plastic bag coated with the filtering material
~~wherein the filtering material of the enclosure prevents electromagnetic radiation
of a particular bandwidth from escaping from the enclosure.~~
5. (Amended) The method of claim 1 further wherein
the filtering material is comprised of metal.
6. (Amended) The method of claim 1 further wherein
the enclosure is a container having sides comprised of the filtering material
~~wherein the filtering material of the enclosure prevents electromagnetic radiation
of a particular bandwidth from escaping from the enclosure.~~
7. (Amended) The method of claim 6 further wherein
the filtering material is comprised of metal.
8. (Amended) The method of claim 6 further wherein
the enclosure is comprised of glass and the filtering material is attached to the
glass.

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9. (Amended) The method of claim 6 ~~further~~ wherein
the enclosure is comprised of plastic and the filtering material is attached to the plastic.
10. (Cancelled)
11. (Amended) The method of claim 1 ~~further~~ wherein
the separation device when closed prevents the first device from communicating with the second device; and
the separation device when opened allows the first device to communicate with the second device.
14. (Amended) A method ~~comprised of the~~ comprising steps of:
placing a first device into an enclosure;
connecting the first device to a transmitter, wherein the transmitter is connected to a first end of a cord device the first end of the cord device being inside the enclosure;
sealing the enclosure while the first device is in the enclosure and while the first device is connected to the transmitter;
wherein the cord device has a second end which is outside the enclosure; and
wherein the method further is comprised of connecting a second device which lies outside the enclosure, to the second end of the cord device; and
after connecting the first device to the first end of the cord device and after

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connecting the second device to the second end of the cord device, causing the first device to exchange a key with the second device while the first device is in the sealed enclosure;

removing the first device from the enclosure after the key exchange; and

using the key to allow the first device and the second device to communicate with each other using methods of encryption with the first device outside of the enclosure.

15. (Amended) The method of claim 14 further wherein

the cord device is comprised of an electrical cord.

16. (Amended) The method of claim 14 further wherein

the cord device is comprised of an optical cable.

17. (Amended) The method of claim 14 further wherein

the cord device is comprised of a radio transmitter.

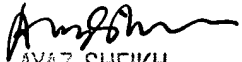
25. (Cancelled)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pramila Parthasarathy whose telephone number is 571-272-3866. The examiner can normally be reached on Tuesday – Thursday 8:00a.m. To 3:00p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 571-232-3795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR only. For more information about the PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Pramila Parthasarathy
September 01, 2005.


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